BRUHAT BANGLORE MAHANAGARA PALIKE
YALAHANKA ZONE, BANGLORE
MEASUREMENT SHEET
RA 2ND AND FINAL BILL

No. 3rd & Part Bill

Name of Work:-PACKAGE No-04 Construction of Classrooms to Govt PU College and providing grill fencing and Other developmental Works to ISRO layout Park, Vishweshwarayya park, Raj kumar Park, Sri Saibaba park Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Estimate Cost:	950.00 Lakhs
Head of Account:	Amrutha Nagrothana grants
Sanction No	Job No-002-23-000002
Tender Amount	Rs.8,81,41,302/-
Tender Period	9 Months
Reference to Agreement No:	EE(Project)/YNK Zone/WO/14/2022-23 date : 02-09-
Name of Contractor and full Address:	B.B Umesha, Class 1 Contractor Bangalore
Date of Commencement as per agreement	9/3/2022
Date of Completion as per agreement	6/2/2023

Detailed Measurements

Measurement Recorded On:

Item No:01

Demolishing cement concrete manually/ by mechanical means including disposal of material to the appropriate disposal area as per direction of Engineer-in-charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)

Description	Nos	L	B	D	Quantity
Coping concrete					
Vishveshwaraiah park East side	1	30.00	0.45	0.05	0.68
	1	30.00	0.45	0.05	0.68
	1	30.00	0.45	0.05	0.68
	1	30.00	0.45	0.05	0.68
	1	30.00	0.45	0.05	0.68
	1	14.07	0.45	0.05	0.32
Vishveshwaraiah park south side	1	30.00	0.45	0.05	0.68
	1	30.00	0.45	0.05	0.68
	1	30.00	0.45	0.05	0.68
	1	12.27	0.45	0.05	0.28
West side	1	30.00	0.45	0.05	0.68

6.67

C&E Executive Engineer
Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore -92

AARTH ASSOCIATES
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29/9/2022

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	Description	Nos	L	B	D	Quantity
		1	30.00	0.45	0.05	0.68
		1	30.00	0.45	0.05	0.68
		1	30.00	0.45	0.05	0.68
		1	9.14	0.45	0.05	0.21
	North side	1	30.00	0.45	0.05	0.68
		1	8.56	0.45	0.05	0.19
	Gates	1	2.60	0.45	0.05	0.06
		1	2.30	0.45	0.05	0.05
		1	2.03	0.45	0.05	0.05
		1	4.10	0.45	0.05	0.09
	Sai baba (Cauvery) Park north side	1	30.00	0.45	0.05	0.68
		1	30.00	0.45	0.05	0.68
		1	30.00	0.45	0.05	0.68
		1	1.53	0.45	0.05	0.03
	East side	1	30.00	0.45	0.05	0.68
		1	18.70	0.45	0.05	0.42
	South side	1	30.00	0.45	0.05	0.68
		1	30.00	0.45	0.05	0.68
		1	11.58	0.45	0.05	0.26
	Gates	1	4.00	0.45	0.05	0.09
		1	3.00	0.45	0.05	0.07
	P.C.C 1:3:6					
	Vishveshwaraiah park East side	1	30.00	0.70	0.10	2.10
		1	30.00	0.70	0.10	2.10
		1	30.00	0.70	0.10	2.10
		1	30.00	0.70	0.10	2.10
		1	14.07	0.70	0.10	0.98
		1	30.00	0.70	0.10	2.10

Cafe Trimurthy 27/9

Asst. Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore - 92

(2)

29.20

AARTN ASSOCIATES BANGALORE DATP No.

27/9/2022

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	Description	Nos	L	B	D	Quantity
		1	30.00	0.70	0.10	2.10
		1	30.00	0.70	0.10	2.10
		1	12.27	0.70	0.10	0.86
	West side	1	30.00	0.70	0.10	2.10
		1	30.00	0.70	0.10	2.10
		1	30.00	0.70	0.10	2.10
		1	30.00	0.70	0.10	2.10
		1	9.14	0.70	0.10	0.64
	North side	1	30.00	0.70	0.10	2.10
		1	8.56	0.70	0.10	0.60
	Gates	1	2.60	0.70	0.10	0.18
		1	2.30	0.70	0.10	0.16
		1	2.03	0.70	0.10	0.14
		1	4.10	0.70	0.10	0.29
	Sai baba (Cauvery) Park north side	1	30.00	0.70	0.10	2.10
		1	30.00	0.70	0.10	2.10
		1	30.00	0.70	0.10	2.10
		1	1.53	0.70	0.10	0.11
	East side	1	30.00	0.70	0.10	2.10
		1	18.70	0.70	0.10	1.31
	South side	1	30.00	0.70	0.10	2.10
		1	30.00	0.70	0.10	2.10
		1	30.00	0.70	0.10	2.10
		1	11.58	0.70	0.10	0.81
	Gates	1	4.00	0.70	0.10	0.28
		1	3.00	0.70	0.10	0.21
					Total in Cum	60.49

C & FC Executive Engineer 27/9/22

Asst. Executive Engineer Project Division Yelahanka BBMP, Bangalore - 92

64.18

PMC

Contractor

Assistant Engineer 27/9/2022
Project Division Yelahanka

Asst. Executive Engineer
Project Division Yelahanka

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Name of Work:-PACKAGE No-04 Construction of Classrooms to Govt PU College and providing grill fencing and Other developmental Works to ISRO layout Park, Vishweshwarayya park, Raj kumar Park, Sri Saibaba park Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Detailed Measurements

Measurement Recorded On:

Item No:02

Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material to the appropriate disposal area as per direction of Engineerin- charge. In cement mortar

Description	Nos	L	B	D	Quantity
SSM					
1st Course					
Vishveshwaraiah park East side	1	30.00	0.45	0.40	5.40
	1	30.00	0.45	0.40	5.40
	1	30.00	0.45	0.40	5.40
	1	30.00	0.45	0.40	5.40
	1	30.00	0.45	0.40	5.40
	1	14.07	0.45	0.40	2.53
Vishveshwaraiah park south side	1	30.00	0.45	0.40	5.40
	1	30.00	0.45	0.40	5.40
	1	30.00	0.45	0.40	5.40
	1	12.27	0.45	0.40	2.21
West side	1	30.00	0.45	0.40	5.40
	1	30.00	0.45	0.40	5.40
	1	30.00	0.45	0.40	5.40
	1	30.00	0.45	0.40	5.40
	1	9.14	0.45	0.40	1.65
North side	1	30.00	0.45	0.40	5.40
	1	8.56	0.45	0.40	1.54
Gates	1	2.60	0.45	0.40	0.47
	1	2.30	0.45	0.40	0.41
	1	2.03	0.45	0.40	0.37

C & FC Executives

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

AARTN ASSOCIATES BANGALORE DATE

28/9/2022

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	Description	Nos	L	B	D	Quantity
		1	4.10	0.45	0.40	0.74
	2nd Course					
	Vishveshwaraiah park East side	1	30.00	0.60	0.20	3.60
		1	30.00	0.60	0.20	3.60
		1	30.00	0.60	0.20	3.60
		1	30.00	0.60	0.20	3.60
		1	30.00	0.60	0.20	3.60
		1	14.07	0.60	0.20	1.69
	Vishveshwaraiah park south side	1	30.00	0.60	0.20	3.60
		1	30.00	0.60	0.20	3.60
		1	30.00	0.60	0.20	3.60
		1	12.27	0.60	0.20	1.47
	West side	1	30.00	0.60	0.20	3.60
		1	30.00	0.60	0.20	3.60
		1	30.00	0.60	0.20	3.60
		1	30.00	0.60	0.20	3.60
		1	9.14	0.60	0.20	1.10
	North side	1	30.00	0.60	0.20	3.60
		1	8.56	0.60	0.20	1.03
	Gates	1	2.60	0.60	0.20	0.31
		1	2.30	0.60	0.20	0.28
		1	2.03	0.60	0.20	0.24
		1	4.10	0.60	0.20	0.49
	1st Course					
	Sai baba (Cauvery) Park north side	1	30.00	0.45	0.40	5.40
		1	30.00	0.45	0.40	5.40
		1	30.00	0.45	0.40	5.40

C&FC Bhandary

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore - 92
BBMP, BLR

AARTN ASSOCIATES
DATE
BANGALORE

28/9/2022

149.72

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	Description	Nos	L	B	D	Quantity
		1	1.53	0.45	0.40	0.28
		1	30.00	0.45	0.40	5.40
		1	18.70	0.45	0.40	3.37
		1	30.00	0.45	0.40	5.40
		1	30.00	0.45	0.40	5.40
		1	30.00	0.45	0.40	5.40
		1	11.58	0.45	0.40	2.08
	Gates	1	4.00	0.45	0.40	0.72
		1	3.00	0.45	0.40	0.54
	2nd Course					
	Sai baba (Cauvery) Park north side	1	30.00	0.60	0.20	3.60
		1	30.00	0.60	0.20	3.60
		1	30.00	0.60	0.20	3.60
		1	1.53	0.60	0.20	0.18
	East side	1	30.00	0.60	0.20	3.60
		1	18.70	0.60	0.20	2.24
	South side	1	30.00	0.60	0.20	3.60
		1	30.00	0.60	0.20	3.60
		1	30.00	0.60	0.20	3.60
		1	11.58	0.60	0.20	1.39
	Gates	1	4.00	0.60	0.20	0.48
		1	3.00	0.60	0.20	0.36
					Total in Cum	**208.16**

C & EC Hiremath

Ass Executive Engineer
Yelahanka Zone
Project Division
BBMP, Bangalore-92

AARTN ASSOCIATES
DATE
BANGALORE

PMC

Assistant Engineer 28/9/2022
Project Division Yelahanka

Contractor

Asst. Executive Engineer
Project Division Yelahanka

6

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Name of Work:-PACKAGE No-04 Construction of Classrooms to Govt PU College and providing grill fencing and Other developmental Works to ISRO layout Park, Vishweshwarayya park, Raj kumar Park, Sri Saibaba park Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Detailed Measurements

Measurement Recorded On:

Item No:04

Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such similiar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work In all kinds of soils
Depth upto 1.5 m

Description	Nos	L	B	D	Quantity
Vishveshwaralah park East side	1	30.00	0.90	0.90	24.30
	1	30.00	0.90	0.90	24.30
	1	30.00	0.90	0.90	24.30
	1	30.00	0.90	0.90	24.30
	1	30.00	0.90	0.90	24.30
	1	14.07	0.90	0.90	11.40
Vishveshwaraiah park south side	1	30.00	0.90	0.30	8.10
	1	30.00	0.90	0.30	8.10
	1	30.00	0.90	0.30	8.10
	1	12.27	0.90	0.30	3.31
West side	1	30.00	0.90	0.30	8.10
	1	30.00	0.90	0.30	8.10
	1	30.00	0.90	0.30	8.10
	1	30.00	0.90	0.30	8.10
	1	9.14	0.90	0.30	2.47
North side	1	30.00	0.90	0.30	8.10
	1	8.56	0.90	0.30	2.31

Asst. Executive Engineer
Project Division-I
BEML, Bangalore-92

AARIN ASSOCIATES BANGALORE

28/9/2022

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	Description	Nos	L	B	D	Quantity
	Gates	1	2.60	0.90	0.30	0.70
		1	2.30	0.90	0.30	0.62
		1	2.03	0.90	0.30	0.55
		1	4.10	0.90	0.30	1.11
	Sai baba (Cauvery) Park north side	1	30.00	0.90	0.30	8.10
		1	30.00	0.90	0.30	8.10
		1	30.00	0.90	0.30	8.10
		1	1.53	0.90	0.30	0.41
	East side	1	30.00	0.90	0.30	8.10
		1	18.70	0.90	0.30	5.05
	South side	1	30.00	0.90	0.30	8.10
		1	30.00	0.90	0.30	8.10
		1	30.00	0.90	0.30	8.10
		1	11.58	0.90	0.30	3.13
	Gates	1	4.00	0.90	0.30	1.08
		1	3.00	0.90	0.30	0.81
	For Benches Platform					
	Raj kumar Park	19	2.40	2.00	0.30	27.36
	Saibaba Park (Cauvery park)	14	2.40	2.00	0.30	20.16
	Entrance to Vishweshwaraih park designer tiles	1	7.90	4.00	0.30	9.48
	Entrance to Vishweshwaraih park designer tiles	1	2.15	1.70	0.30	1.10
		1	2.50	3.65	0.30	2.74
					Total in Cum	**336.78**

C & C

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

AARIN ASSOCIATES
DATE
PMC
BANGALORE

Assistant Engineer
Project Division Yelahanka

28/9/2022

Contractor

Asst. Executive Engineer
Project Division Yelahanka

8

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Name of Work:-PACKAGE No-04 Construction of Classrooms to Govt PU College and providing grill fencing and Other developmental Works to ISRO layout Park, Vishweshwarayya park, Raj kumar Park, Sri Saibaba park Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Detailed Measurements

Measurement Recorded On:

Item No:05

Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately)

Mix 1:4:8 (M5) Using 40 mm nominal size graded crushed coarse aggregates

Description	Nos	L	B	D	Quantity
Vishveshwaraiah park East side	1	30.00	0.90	0.15	4.05
	1	30.00	0.90	0.15	4.05
	1	30.00	0.90	0.15	4.05
	1	30.00	0.90	0.15	4.05
	1	30.00	0.90	0.15	4.05
	1	14.07	0.90	0.15	1.90
Vishveshwaraiah park south side	1	30.00	0.90	0.15	4.05
	1	30.00	0.90	0.15	4.05
	1	30.00	0.90	0.15	4.05
	1	12.27	0.90	0.15	1.66
West side	1	30.00	0.90	0.15	4.05
	1	30.00	0.90	0.15	4.05
	1	30.00	0.90	0.15	4.05
	1	30.00	0.90	0.15	4.05
	1	30.00	0.90	0.15	4.05
	1	9.14	0.90	0.15	1.23
North side	1	30.00	0.90	0.15	4.05
	1	8.56	0.90	0.15	1.16
Gates	1	2.60	0.90	0.15	0.35

58.95

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Asst. Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore - 92

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29/9/2022

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Description	Nos	L	B	D	Quantity
	1	2.30	0.90	0.15	0.31
	1	2.03	0.90	0.15	0.27
	1	4.10	0.90	0.15	0.55
Sai baba (Cauvery) Park north side	1	30.00	0.90	0.15	4.05
	1	30.00	0.90	0.15	4.05
	1	30.00	0.90	0.15	4.05
	1	30.00	0.90	0.15	4.05
	1	1.53	0.90	0.15	0.21
East side	1	30.00	0.90	0.15	4.05
	1	18.70	0.90	0.15	2.52
South side	1	30.00	0.90	0.15	4.05
	1	30.00	0.90	0.15	4.05
	1	30.00	0.90	0.15	4.05
	1	11.58	0.90	0.15	1.56
Gates	1	4.00	0.90	0.15	0.54
	1	3.00	0.90	0.15	0.41
For Benches Platform					
Raj kumar Park	19	2.40	2.00	0.15	13.68
Saibaba Park (Cauvery park)	14	2.40	2.00	0.15	10.08
Entrance to Vishweshwaraih park designer tiles	1	7.90	4.00	1.15	36.34
Entrance to Vishweshwaraih park designer tiles	1	2.15	1.70	1.15	4.20
	1	2.50	3.65	1.15	10.49
				Total in Cum	168.47

C&RC Laundry 29/9/22

Asst. Executive Engineer
Project Division Yelahanka
BBMP, Bangalore-92

AARTH ASSOCIATES BANGALORE
DATE
BPMC

Assistant Engineer
Project Division Yelahanka
29/9/2022

Contractor

Asst. Executive Engineer
Project Division Yelahanka

10

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Name of Work:-PACKAGE No-04 Construction of Classrooms to Govt PU College and providing grill fencing and Other developmental Works to ISRO layout Park, Vishweshwarayya park, Raj kumar Park, Sri Saibaba park Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Detailed Measurements

Measurement Recorded On:

Item No:7

Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (Available Stone)

Description	Nos	L	B	D	Quantity
1	2	3	4	5	6
1st Course Below Ground Level with available stones					
Vishveshwaraiah park East side	1	30.00	0.75	0.20	4.50
	1	30.00	0.75	0.20	4.50
	1	30.00	0.75	0.20	4.50
	1	30.00	0.75	0.20	4.50
	1	30.00	0.75	0.20	4.50
	1	14.07	0.75	0.20	2.11
Vishveshwaraiah park south side	1	30.00	0.75	0.20	4.50
	1	30.00	0.75	0.20	4.50
	1	30.00	0.75	0.20	4.50
	1	12.27	0.75	0.20	1.84
West side	1	30.00	0.75	0.20	4.50
	1	30.00	0.75	0.20	4.50
	1	30.00	0.75	0.20	4.50
	1	30.00	0.75	0.20	4.50
	1	9.14	0.75	0.20	1.37
North side	1	30.00	0.75	0.20	4.50
—	1	8.56	0.75	0.20	1.28
Gates	1	2.60	0.75	0.20	0.39
—	1	2.30	0.75	0.20	0.35
					55.84

C & FC Kumudvathi 30/9

Asst. Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore - 92

AARTN ASSOCIATES BANGALORE DATE

30/9/2022 (81)

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Description	Nos	L	B	D	Quantity
	1	2.03	0.75	0.20	0.30
	1	4.10	0.75	0.20	0.62
Sai baba (Cauvery) Park north side	1	30.00	0.75	0.20	4.50
	1	30.00	0.75	0.20	4.50
	1	30.00	0.75	0.20	4.50
	1	1.53	0.75	0.20	0.23
East side	1	30.00	0.75	0.20	4.50
	1	18.70	0.75	0.20	2.81
South side	1	30.00	0.75	0.20	4.50
	1	30.00	0.75	0.20	4.50
	1	30.00	0.75	0.20	4.50
	1	11.58	0.75	0.20	1.74
Gates	1	4.00	0.75	0.20	0.60
	1	3.00	0.75	0.20	0.45
				Total in Cum	104.082

C&FC 65-84

Asst. Executive Engineer
Project Division
Yelahanka
BBMP, Bangalore-92

AARTN ASSOCIATES BANGALORE
DATE

PMC

Assistant Engineer
Project Division Yelahanka

30/9/2022

Contractor

Asst. Executive Engineer
Project Division Yelahanka

92

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Name of Work:-PACKAGE No-04 Construction of Classrooms to Govt PU College and providing grill fencing and Other developmental Works to ISRO layout Park, Vishweshwarayya park, Raj kumar Park, Sri Saibaba park Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Detailed Measurements

Measurement Recorded On:	
Item No:6	
Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)	

Description	Nos	L	B	D			Quantity
1	2	3	4	5			6
Below Ground Level 1st course							
Vishveshwaraiah park East side	1	30.00	0.60	0.40 + 0.45 / 2.00			7.65
	1	30.00	0.60	0.45 + 0.40 / 2.00			7.65
	1	30.00	0.60	0.40 + 0.45 / 2.00			7.65
	1	30.00	0.60	0.45 + 0.55 / 2.00			9.00
	1	30.00	0.60	0.55 + 0.50 / 2.00			9.45
	1	14.07	0.60	0.50 + 0.45 / 2.00			4.01
Vishveshwaraiah park south side	1	30.00	0.60	0.45 + 0.50 / 2.00			8.55
	1	30.00	0.60	0.50 + 0.45 / 2.00			8.55
	1	30.00	0.60	0.45 + 0.45 / 2.00			8.10
	1	12.27	0.60	0.45 + 0.40 / 2.00			3.13
West side	1	30.00	0.60	0.40 + 0.40 / 2.00			7.20
	1	30.00	0.60	0.40 + 0.40 / 2.00			7.20
	1	30.00	0.60	0.40 + 0.45 / 2.00			7.65
							95.79

C & FC Executive Engineer Asst. Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore - 92

AARTN ASSOCIATES DAIRY CIRCLE BANGALORE

3/10/2022

13

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Description	Nos	L	B	D			Quantity
	1	30.00	0.60	0.45	+	0.50	8.55
				2.00			
	1	9.14	0.60	0.50	+	0.50	2.74
				2.00			
North side	1	30.00	0.60	0.50	+	0.45	8.55
				2.00			
	1	8.56	0.60	0.45	+	0.45	2.31
				2.00			
Gates	1	2.60	0.60	0.45	+	0.45	0.70
				2.00			
	1	2.30	0.60	0.45	+	0.45	0.62
				2.00			
	1	2.03	0.60	0.45	+	0.45	0.55
				2.00			
	1	4.10	0.60	0.45	+	0.45	1.11
				2.00			
							120.92
Sai baba (Cauvery) Park north side	1	30.00	0.60	0.40	+	0.40	7.20
				2.00			
	1	30.00	0.60	0.40	+	0.45	7.65
				2.00			
	1	30.00	0.60	0.45	+	0.45	8.10
				2.00			
	1	1.53	0.60	0.45	+	0.45	0.41
				2.00			
East side	1	30.00	0.60	0.45	+	0.40	7.65
				2.00			
	1	18.70	0.60	0.40	+	0.40	4.49
				2.00			
South side	1	30.00	0.60	0.40	+	0.40	7.20
				2.00			
	1	30.00	0.60	0.40	+	0.40	7.20
				2.00			
	1	30.00	0.60	0.40	+	0.40	7.20
				2.00			
	1	11.58	0.60	0.40	+	0.40	2.78
				2.00			

59.88

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Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

AARTN ASSOCIATES
DATE
No
BANGALORE

3/10/2022

14

Scanned by TapScanner

Description	Nos	L	B	D			Quantity
Gates	1	4.00	0.60	0.40	+	0.45	1.02
				2.00			
	1	3.00	0.60	0.45	+	0.45	0.81
				2.00			
Above Ground Level							61.71
Vishveshwaraiah park east side	1	18.00	0.45	0.78	+	0.73	6.12
				2.00			
	1	30.00	0.45	0.49	+	0.89	9.32
				2.00			
	1	1.00	0.45	0.89	+	0.89	0.40
				2.00			
	1	3.37	0.45	0.86	+	0.92	1.35
				2.00			
	1	22.00	0.45	0.64	+	0.86	7.43
				2.00			
	1	25.13	0.45	0.52	+	0.80	7.46
				2.00			
	1	18.10	0.45	0.65	+	0.89	6.27
				2.00			
	1	9.02	0.45	0.76	+	0.81	3.19
				2.00			
	1	10.20	0.45	0.67	+	0.91	3.63
				2.00			
	1	24.65	0.45	0.99	+	0.87	10.32
				2.00			
Vishveshwaraiah park south side	1	9.14	0.45	0.99	+	0.90	3.89
				2.00			
	1	18.10	0.45	0.86	+	0.79	6.72
				2.00			
	1	21.30	0.45	0.86	+	0.75	7.72
				2.00			
	1	27.53	0.45	0.84	+	0.72	9.66
				2.00			
	1	11.95	0.45	0.93	+	0.70	4.38
				2.00			
	1	11.95	0.45	0.85	+	0.63	3.98
				2.00			

59.88

91.82

Asst. Executive Engineer
Project Division
Vishveshwaraiah Zone
BBMP, Bangalore-32

AARTI ASSOCIATES
DATE
BANGALORE

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15

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Description	Nos	L	B	D			Quantity
West side	1	21.20	0.45	0.85	+	0.58	6.82
				2.00			
	1	30.30	0.45	0.74	+	0.56	8.86
				2.00			
	1	12.37	0.45	0.74	+	0.55	3.59
				2.00			
	1	12.26	0.45	0.68	+	0.58	3.48
				2.00			
	1	6.15	0.45	0.79	+	0.72	2.09
				2.00			
	1	21.83	0.45	0.70	+	0.55	6.14
				2.00			
	1	23.00	0.45	0.80	+	0.62	7.35
				2.00			
North side	1	30.00	0.42	0.80	+	0.87	10.52
				2.00			
	1	3.27	0.46	0.87	+	0.90	1.33
				2.00			
	1	5.29	0.45	0.80	+	0.90	2.02
				2.00			
Sai baba (Cauvery) Park north side	1	3.65	0.45	0.69	+	0.76	1.19
				2.00			
	1	9.60	0.45	0.63	+	0.65	2.76
				2.00			
	1	12.70	0.45	0.49	+	0.68	3.34
				2.00			
	1	12.63	0.45	0.54	+	0.72	3.58
				2.00			
	1	3.25	0.45	0.58	+	0.60	0.86
				2.00			
	1	3.00	0.45	0.67	+	0.80	0.99
				2.00			
	1	11.00	0.45	0.60	+	0.76	3.37
				2.00			
	1	12.50	0.45	0.58	+	0.78	3.83
				2.00			

Checked
Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

AARTH ASSOCIATES
DATE
NO
BANGALORE

13/10/2022

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Description	Nos	L	B	D			Quantity
	1	19.10	0.45	0.62	+	0.90	6.53
				2.00			
East side	1	22.40	0.45	0.63	+	0.57	6.05
				2.00			
	1	13.10	0.45	0.40	+	0.62	3.01
				2.00			
	1	13.20	0.45	0.58	+	0.56	3.39
				2.00			
South side	1	12.80	0.45	0.70	+	0.45	3.31
				2.00			
	1	9.10	0.45	0.70	+	0.52	2.50
				2.00			
	1	6.10	0.45	0.62	+	0.58	1.65
				2.00			
	1	10.21	0.45	0.73	+	0.50	2.83
				2.00			
	1	8.40	0.45	0.60	+	0.50	2.08
				2.00			
	1	6.42	0.45	0.45	+	0.45	1.30
				2.00			
	1	16.15	0.45	0.60	+	0.45	3.82
				2.00			
	1	16.20	0.45	0.59	+	0.40	3.61
				2.00			
	1	13.20	0.45	0.65	+	0.45	3.27
				2.00			
Total in Cum							389.901

C&FC
Executed
3/10

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

AARTN ASSOCIATES
DATF
BANGALORE

PMC

Contractor

Assistant Engineer
Project Division Yelahanka

3/10/2022

Asst. Executive Engineer
Project Division Yelahanka

Scanned by TapScanner

Name of Work:-PACKAGE No-04 Construction of Classrooms to Govt PU College and providing grill fencing and Other developmental Works to ISRO layout Park, Vishweshwarayya park, Raj kumar Park, Sri Saibaba park Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Detailed Measurements

Measurement Recorded On:

Item No:11 8

Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/ trap/ basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates

Description	Nos	L	B	D	Quantity
Coping Concrete					
Vishveshwaraiah park East side	1	18.00	0.45	0.10	0.81
	1	30.00	0.45	0.10	1.35
	1	1.00	0.45	0.10	0.05
	1	3.37	0.45	0.10	0.15
	1	22.00	0.45	0.10	0.99
	1	25.13	0.45	0.10	1.13
	1	18.10	0.45	0.10	0.81
	1	9.02	0.45	0.10	0.41
	1	10.20	0.45	0.10	0.46
	1	24.65	0.45	0.10	1.11
vishveshwaraiah park south side	1	9.14	0.45	0.10	0.41
	1	18.10	0.45	0.10	0.81
	1	21.30	0.45	0.10	0.96
	1	27.53	0.45	0.10	1.24
	1	11.95	0.45	0.10	0.54
	1	11.95	0.45	0.10	0.54
West side	1	21.20	0.45	0.10	0.95
	1	30.30	0.45	0.10	1.36
	1	12.37	0.45	0.10	0.56
	1	12.26	0.45	0.10	0.55
	1	6.15	0.45	0.10	0.28
	1	21.83	0.45	0.10	0.98

16.45

C & C Attended

Asst. Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore - 92

AARTN ASSOCIATES DATE No BANGALORE

18 20/10/2022

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Description		Nos	L	B	D	Quantity
		1	23.00	0.45	0.10	1.04
North side		1	30.00	0.42	0.10	1.26
		1	3.27	0.46	0.10	0.15
		1	5.29	0.45	0.10	0.24
Sai baba (Cauvery) Park north side		1	3.65	0.45	0.10	0.16
		1	9.60	0.45	0.10	0.43
		1	12.70	0.45	0.10	0.57
		1	12.63	0.45	0.10	0.57
		1	3.25	0.45	0.10	0.15
		1	3.00	0.45	0.10	0.14
		1	11.00	0.45	0.10	0.50
		1	12.50	0.45	0.10	0.56
		1	19.10	0.45	0.10	0.86
East side		1	22.40	0.45	0.10	1.01
		1	13.10	0.45	0.10	0.59
		1	13.20	0.45	0.10	0.59
South side		1	12.80	0.45	0.10	0.58
		1	9.10	0.45	0.10	0.41
		1	6.10	0.45	0.10	0.27
		1	10.21	0.45	0.10	0.46
		1	8.40	0.45	0.10	0.38
		1	6.42	0.45	0.10	0.29
		1	16.15	0.45	0.10	0.73
		1	16.20	0.45	0.10	0.73
		1	13.20	0.45	0.10	0.59
For Poles						
Vishveshwaraiah park		130	0.45	0.45	0.50	13.16
Sai baba (Cauvery) Park		70	0.45	0.45	0.50	7.09
For Benches Platform						
Raj kumar Park		19	2.40	2.00	0.15	13.68
Saibaba Park (Cauvery park)		14	2.40	2.00	0.15	10.08
Entrance to Vishweshwaraih park designer tiles		1	7.90	4.00	0.15	4.74

Asst. Executive Engineer
Project Division
Yelahanka
BBMP, Bangalore-92

AARIN ASSOCIATES
DATE
BANGALORE

20/10/2022

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Description	Nos	L	B	D	Quantity
Entrance to Vishweshwaraih park designer tiles	1	2.15	1.70	0.15	0.55
	1	2.50	3.65	0.15	1.37
				Total in Cum	80.36

PMC

Assistant Engineer 20/10/2022
Project Division Yelahanka

CFC
Kumalvar
20/10/22

Contractor

Asst. Executive Engineer
Project Division Yelahanka

Asst. Executive Engineer
Project Division
Yelahanka
BBMP, Bangalore

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